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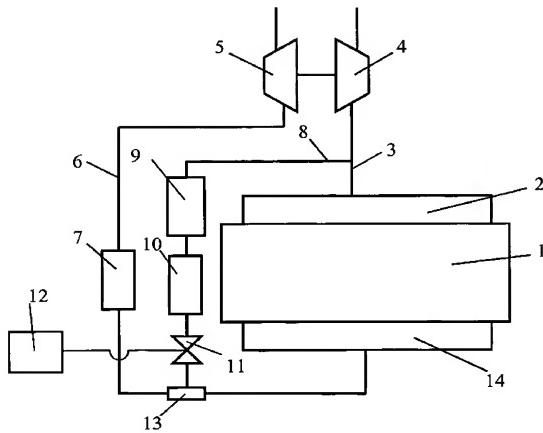
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(54) Title: ARRANGEMENT FOR RECIRCULATION OF EXHAUST GASES OF A SUPER-CHARGED INTERNAL COMBUSTION ENGINE



(57) Abstract: The present invention relates to an arrangement for recirculation of exhaust gases in a supercharged combustion engine (1). The arrangement comprises an exhaust line (3) intended to lead exhaust gases out from the combustion engine (1), an inlet line (6) intended to lead air at above atmospheric pressure to the combustion engine (1), a return line (8) which comprises a connection to the exhaust line (3) and a connection to the inlet line (6), so that via the return line (8) it is possible to recirculate exhaust gases from the exhaust line (3) to the inlet line (6). The arrangement comprises a first cooler (10) incorporated in the return line (8) for cooling the exhaust gases in the return line (8) before they are mixed with the air in the inlet line (6). The exhaust gases in the first cooler (10) are cooled by a first medium which is at a temperature substantially corresponding to the temperature of the surroundings.

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